

**From:** [HOPE Bruce](#)  
**To:** [Eric Blischke/R10/USEPA/US@EPA](#)  
**Subject:** RE: Arnot and Gobas model template  
**Date:** 11/10/2005 01:28 PM

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Eric,

Thanks, this is the food web model built around the latest version of the Gobas model. If we can agree on a specific, limited set of representative species to fill-out the food web, then it would be OK to use this model/code.

I think I know enough, for the moment, about how they did sensitivity-lot of work doing it their way.

Bruce

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov  
[mailto:Blischke.Eric@epamail.epa.gov]  
Sent: Thursday, November 10, 2005 1:07 PM  
To: HOPE Bruce  
Cc: PETERSON Jenn L  
Subject: Fw: Arnot and Gobas model template

Bruce, here is the model (I think). As for your other requests - we have all the data. Surface water data was generated from the three surface water transects collected in the fall of 2004. Sediment data was based on 615 surface sediment samples (0 - 30 cm) collected during Round 1 and Round 2 of the RI/FS. This data includes shorebird and human health beach samples but does not include groundwater pilot study data. I will have Jordan Palmeri put together a package of data for you - that way we can manipulate it as necessary without going through the LWG. I also spoke to Nancy regarding the sensitivity analysis. It sounds like it was more of a "bounding" exercise. Variables were varied by 50 % (downward and sometimes upward). Variables that changed the output by more than 10 or 20 % (she wasn't sure which) were identified as sensitive parameters. Two more runs were performed with all sensitive parameters minimized and all sensitive parameters maximized.

I will get you the data. If you need more information on the sensitivity analysis, I will request a explicit written summary.

Thanks, Eric

----- Forwarded by Eric Blischke/R10/USEPA/US on 11/10/2005 12:58 PM -----

Nancy Judd  
<nancyj@windward  
env.com>

11/10/2005 12:45  
PM

To  
Eric Blischke/R10/USEPA/US@EPA  
cc  
Lisa Saban  
<lisas@windwardenv.com>  
Subject  
Arnot and Gobas model template

Eric,  
Per your request here is the Arnot and Gobas model template. Please let me know if you have trouble opening it. I've also attached the "Guide to model runs" which I think is useful for showing what is in the model, where you enter data, and where to find the output. Nancy

Nancy Judd

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